

4-(1,3-acryloyl-1,4,7,10,13-pentaoxatridecyl)benzophenone, 3,3',4,4'-tetra(tert-butylperoxycarbonyl) benzophenone, 4-benzoyl-N,N,N-methylbenzenemethanaminium chloride, 2-hydroxy-3-(4-benzoylphenoxy)-N,N,N-trimethyl-1-propanaminium chloride, 4-benzoyl-N,N-dimethyl-N-[(2-(1-oxo-2-propenoxy)ethyl)benzenemethanaminium chloride, 4-benzoyl-N,N-dimethyl-N-[2-(1-oxo-2-propenyloxy)ethyl]-benzenemethanaminium bromide, 2-isopropylthioisopropylthioxanthone, 4-isopropylthioxanthone, 2,4-dimethylthioxanthone, 2,4-diethylthioxanthone, 2,4-diisopropylthioxanthone, 2,4-dichlorothioxanthone, 1-chloro-4-propoxythioxanthone 2-hydroxy-3-(3,4-dimethyl-9-oxo-9H-thioxanthone-2-yl)oxy)-N,N,N-trimethyl-1-propanaminium chloride, 2-benzoylmethylene-3-methylnaphtho(1,2-d)thiazoline; dicarbonyl compounds such as benzyl, 1,7,7-trimethyl-bicyclo[2,2,1]heptane-2,3-dione (common name: camphorquinone), 2-methylantraquinone, 2-ethylantraquinone, 2-tert-butylantraquinone, 1-chloroantraquinone, 2-amylantraquinone, 9,10-phenanthrenequinone, methyl a-oxobenzene acetate; acetophenone compounds such as acetophenone, 2-hydroxy-2-methyl-1-phenylpropan-1-one, 1-(4-isopropylphenyl)-2-hydroxy-2-methylpropan-1-one, 1-[4-(2-hydroxyethoxy)phenyl]-2-hydroxy-2-methylpropan-1-one, 1-hydroxycyclohexylphenylketone, dimethoxyacetophenone, diethoxyacetophenone, 2,2-dimethoxy-1,2-diphenylethan-1-one, 2,2-diethoxy-1,2-diphenylethan-1-one, 1,1-dichloroacetophenone, N,N-dimethylaminoacetophenone, 2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one, 2-benzyl-2-dimethylamino-1-(4-morpholinophenyl)butan-1-one, 1-phenyl-1,2-propanedione-2-(o-ethoxycarbonyl)oxym, 3,6-bis(2-methyl-2-morpholinopropanoyl)-9-butylcarbazole; benzoin and benzoin ether compounds such as benzoin methyl ether,

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benzoin ethyl ether, benzoin isopropyl ether, benzoin -n-butyl ether, benzoin isobutyl ether; aryl phosphine oxide compounds such as 2,4,6-trimethylbenzoyldiphenylphosphine oxide, bis(2,6-dichlorobenzoyl)-(4-n-propylphenyl)phosphine oxide; aminocarbonyl compounds such as methyl 4-dimethylaminobenzoate, ethyl 4-dimethylaminobenzoate, 4-dimethylaminobenzoate-n-butoxyethyl ester, isoamyl 4-dimethylaminobenzoate, benzoate-2-dimethylaminoethyl ester, 4,4'-bis(dimethylamino)benzophenone (Michler's ketone), 4,4'-bis(diethylamino)benzophenone, 2,5'-bis(4-dimethylaminobenzal)cyclopentanone; halogenated compounds such as 2,2,2-trichloro-1-(4'-tert-butylphenyl)ethan-1-one, 2,2-dichloro-1-(4-phenoxyphenyl)ethan-1-one, a,a,a-tribromomethylphenylsulfone, 2,4,6-tris(trichloromethyl)triazine, 2,4-bis(trichloromethyl)-6-(4-methoxyphenyl) triazine, 2,4-bis(trichloromethyl)-6-(4-methoxystyryl) triazine, 2,4-bis(trichloromethyl)-6-(3,4-methylenedioxyphenyl) triazine, 2,4-bis(trichloromethyl)-6-(4-methoxynaphthyl) triazine, 2,4-bis(trichloromethyl)-6-[2-(5-methylfuryl)etylidene] triazine, 2,4-bis(trichloromethyl)-6-[2-furyletylidene] triazine; other well-known compounds such as 9-phenylacridine, 2,2'-bis(o-chlorophenyl)-4,4',5,5'-tetraphenyl-1,2-bisimidazole, 2,2'-azobis(2-amino-propane)dihydrochloride, 2,2'-azobis[2-(imidazolin-2-yl)propane]dihydrochloride, η -5-2-4-(cyclopentadienyl)(1,2,3,4,5,6, η)-(methylethyl)benzene]iron(II) hexafluorophosphate, bis(5-cyclopentadienyl)bis[2,6-difluoro-3-(1H-pyr-1-yl)-phenyl] titanium. These may be used singly or in combination of two or more thereof.

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